

METHOD AND APPARATUS TO FACILITATE DEBUGGING A PLATFORM-INDEPENDENT VIRTUAL MACHINE

ABSTRACT

One embodiment of the present invention provides a system that facilitates debugging a platform-independent virtual machine. The system operates by providing an agent on the platform-independent virtual machine, which provides a set of functions for accessing variables in the platform-independent virtual machine. The platform-independent virtual machine is adapted to call the set of functions within the agent. Next, the agent examines the current state of the variables in the platform-independent virtual machine. The agent communicates the current state of the variables to a host machine. An operator of the host machine can then analyze the current state of the variables.